



February 2, 2012

California Regional Water Quality Control Board Los Angeles Region Samuel Unger, Executive Officer

Executive Officer's Report

The Executive Officer's Report is not intended to be an exhaustive list, but rather highlights of Regional Board staff activities from the previous month.

Executive Office

Secretary of the Interior, Ken Salazar, visits the Los Angeles River Deborah Smith

Secretary Salazar joined Los Angeles Mayor Villaraigosa, US Congressman Adam Schiff, US Congresswoman Lucille Roybal-Allard, LA City Councilmen Ed Reyes and Tom LaBonge, and other dignitaries and agency officials to recognize ongoing LA River watershed protection and restoration efforts and to launch plans for a comprehensive effort to continue these efforts to revitalize urban waterways in underserved communities, including the Los Angeles River. The LA River has been identified twice as a priority project for the Obama administration under the President's America's Great Outdoors Initiative and the Urban Waters Federal Partnership. Secretary Salazar committed continued support for the many projects planned for the river and the benefits for creating a more vital resource that can be enjoyed by citizens of, and visitors to, the city. Other officials shared stories of their vision and commitment to the river. Chief Deputy EO Deb Smith and Dr. Ginachi Amah attended the event at the North Atwater Park project. More information on this project and event can be found at <http://www.lastormwater.org/siteorg/program/natwaterpark.htm>

Our mission is to preserve

and enhance the quality of

California's water resources

for the benefit of present and

future generations.

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Secretary Salazar (speaking), Mayor Villaraigosa, Councilman Ed Reyes, and others at the event



An exhibit showing water quality elements of North Atwater Park.

The completed park with newly planted vegetation.



Regional Programs

Final Cleanup and Abatement Order for Copper in the El Dorado Park Lakes

Dr. Kangshi Wang

On January 10, 2012, Executive Officer Samuel Unger issued a Cleanup and Abatement Order (CAO) to the City of Long Beach, directing the City to monitor and cleanup and abate the effects of the actual and threatened discharges of copper from copper-based aquatic pesticides at the El Dorado Park Lakes in Long Beach. The El Dorado Park Lakes are listed on the 2008 Clean Water Act section 303(d) list of impaired waters due to copper. The CAO addresses the copper listing for El Dorado Park Lakes and contains all of the required elements of a TMDL. The CAO acts as a single regulatory action to implement a TMDL for copper in the El Dorado Park Lakes. The CAO addresses a portion of the waterbody-pollutant combinations identified in Analytical Unit 42 of the consent decree. As part of TMDL development, Regional Board and US EPA staff sampled the El Dorado Park Lakes and found water column and sediment impairments in the southern two lakes. The southern two lakes are actively treated with a copper-based aquatic pesticide, and the copper concentrations in all other potential sources were well below standards. Therefore, the CAO finds that a TMDL for copper in the water column and sediment can be implemented by reducing

the copper loaded to the southern two lakes from the mis- and/or over-application of aquatic pesticides. The CAO directs the City to cease all unauthorized discharges of pollutants associated with the mis- and/or over-application of aquatic pesticides and to enroll in the Statewide General NPDES Permit for the Discharge of Aquatic Pesticides for Aquatic Weed Control (Order No. 2004-0009-DWQ).

Los Angeles County Municipal Separate Storm Sewer System (MS4) Permit Reissuance

Ivar Ridgeway

On December 15, 2011, staff held a workshop to discuss the core requirements for the Draft Order. Staff revealed tentative requirements for all 6 minimum control measures and solicited Permittee and stakeholder input regarding the measures. In addition, staff also discussed proposed approaches to regulating non-storm water and again solicited Permittee and stakeholder input regarding the incorporation of the proposed approaches into the Draft Order. Staff intend to use the input received during the workshop to develop final language for the upcoming Draft Order. Staff intend to release the Draft Order in March 2012.

Watershed Regulatory

Santa Clara River Watershed-Wide Monitoring Program

Michael Lyons

Orders R4-2009-0074 and R4-2009-0075 issued to the Santa Clarita Valley Sanitation District of Los Angeles County (Sanitation District) for the Valencia and Saugus Water Reclamation Plants, respectively, required the Sanitation District to facilitate the development of an updated comprehensive Watershed-wide Monitoring Program for the Santa Clara River Watershed (SCRWMP) in conjunction with other interested stakeholders. The Sanitation District submitted this Monitoring Program and Implementation Plan to the Regional Board on December 22, 2011. The SCRWMP is the result of a two-year effort between the Sanitation District, the Regional Board and several local stakeholders.

The SCRWMP provides a framework for monitoring the overall health of the Santa Clara River Watershed by expanding the monitoring of ambient conditions related to key beneficial uses throughout the entire watershed, improving the coordination and cost-effectiveness of disparate monitoring efforts, and providing a mechanism for periodic and comprehensive assessments of watershed condition. The program design was modeled on analogous efforts in the nearby San Gabriel and Los Angeles River Watersheds. Like those monitoring programs, the SCRWMP will address five key management questions: 1) What is the condition of streams in the watershed?; 2) Are resources at areas of unique interest being protected and getting better or worse?; 3) Are receiving waters near discharges meeting water quality objectives?; 4) Is it safe to swim?; and 5) Are locally caught fish safe to eat.

Initial implementation of the comprehensive watershed-wide monitoring program is scheduled for 2012. Arrangements for long-term management of the program, including completion of any formal agreements needed to structure financial and reporting agreements among the parties to the program, should be finalized in the near future.

Review of Draft Groundwater Replenishment Reuse Regulations

Dr. Don Tsai

Regional Water Board staff participated in meetings hosted by the California Department of Public Health (CDPH) in June 2011 and August 2011. The purpose of these meetings was for CDPH to receive initial feedback regarding the draft Groundwater Replenishment Reuse Regulations (GWRRR) from other regulatory agencies and technical stakeholders. Dr. Don Tsai represented the Regional Water Board in these meetings, pursuant to our agency's shared goal of promoting water recycling in a manner that is protective of

groundwater for current and future generations. The draft GWRRR identified three distinct applications of groundwater recharge with recycled municipal wastewater. They include surface application with and without full advanced treatment (i.e., spreading grounds), and subsurface application with full advanced treatment (i.e., injection wells). Full advanced treatment, referred to as FAT, is defined as continuous treatment of the entire wastewater flow with reverse osmosis and advanced oxidation.

Based on the results of the regulatory/technical meetings, CDPH released a revised draft GWRRR to the general public on November 21, 2011. CDPH also hosted Groundwater Recharge Stakeholder Group workshops at on December 5, 7, and 13, 2011. Regional Water Board staff Drs. Ginachi Amah and Don Tsai attended the December 13, 2011, workshop via webinar. Public comments on the November 21, 2011, draft must be received by CDPH by January 30, 2012. The CDPH must submit a regulation package for adoption by December 31, 2013, pursuant to the California Water Code (as revised by SB918).

Climate Change Workshop

Michael Lyons

Regional Board staff (Shirley Birosik, Watershed Coordinator and Michael Lyons, SWAMP coordinator) attended a two-day workshop sponsored by the National Oceanic and Atmospheric Administration on “Coastal Habitat Conservation in a Changing Climate: Strategies and Tools for Southern California”. The workshop was held on November 16-17, 2011, at the Southern California Coastal Water Research Project facility in Costa Mesa.

One goal of the workshop was to provide coastal habitat managers in the Southern California area with tools, information and strategies for incorporating climate change into the conservation of coastal habitats. Another goal was to identify core needs to allow agencies to better respond to climate change-induced impacts to coastal habitats and resources.

The workshop provided participants with ways to identify and prioritize key climate impacts for coastal habitats in the region. It also demonstrated various tools (such as models to predict sea level rise) and presented case histories for assessing habitat vulnerability and developing actions to promote resilience and adaptation of coastal habitats in a changing climate. The workshop also provided a forum where agency staff and other interested stakeholders could discuss the development of collaborative conservation strategies and possible solutions to the problems resulting from climate change.

Current predictions of sea level rise and temperature increases associated with climate change vary considerably. In addition to the obvious need for early planning to deal with anticipated impacts to coastal habitats and local infrastructure, it is clear that we will need more water quality and biological community monitoring data to refine the existing models and improve predictions of climate change impacts.

General Permitting Unit

During the months of October and December 2011, 12 dischargers were enrolled under the general NPDES permits, one enrollment was revised and 12 enrollments were terminated. The table on the following page shows the breakdown of the enrollments, revisions, and terminations for each category of general NPDES permit during the period.

		Date of Coverage	Date of Revision	Date of Termination
A.	NPDES CAG994004 (Order No. R4-2008-0032) Construction & Project Dewatering			
1	Maple Plaza, LP, Office Building, 345 N. Maple Drive, Beverly Hills			10/27/11
2	County of Los Angeles, Department of Public Works–Termino Ave Storm Drain Project, Between Termino Avenue and Anaheim Street, Long Beach			10/28/11
3	Occidental Lofts, LLC, Occidental Lofts, 4547 Eagle Rock Boulevard, Los Angeles			10/26/11
4	City of Redondo Beach–Sapphier Storm Drain Low Flow Diversion Project, Between Sapphire Avenue and Esplanade, Redondo Beach			10/31/11
5	Los Angeles County Metropolitan Transit Authority, Los Angeles		10/17/11	
6	Calleguas Municipal Water District, Salinity Mangement Pipeline Phase 2A, Project No. 470, Old Lewis Road, Between Camarillo Road and Cawelti Road, Camarillo	10/4/11		
7	Rose Hills Company, Rose Hills Memorial Park, 3888 South Workman Mill Road, Whittier	10/13/11		
8	Long Beach Water Department, Development 9 Water Well at 2101 Cover Street & Commission 23 Water Well At El Dorado Park, Long Beach	10/12/11		
9	200 Oceangate LLC., Arco Center, 300 Oceangate Blvd., Long Beach	10/24/11		
10	Olegario & Maria Estela Sanchez–Groundwater Remediation Project, 3152 East Century Boulevard, Lynwood			11/8/11
11	Ventura County Watershed Protection District, Calleguas Creek Flood Control Project, Hwy 101 & Pleasant Valley Road, Camarillo	11/9/11		
12	Paseo Camarillo Shopping Center, 370 Lantana Street, Camarillo			11/15/11
13	El Segundo Power, LLC, El Segundo Operations Inc. Power Plant, 301 Vista Del Mar, El Segundo	12/9/11		
14	NMSLUXE415, LLC, NMSLUXE415 Westmount Project, 411-415 Westmount Drive, Los Angeles	12/2/11		
15	Ventura County Watershed Protection District–Jepson Was Debris Basin Spillway Retrofit Project, Between Oak and Grand Avenue, Filmore			12/20/11
B.	NPDES No. CAG994005 (Order No. R4-2003-0108) Potable Water Supply Wells Discharges			
1	California Water Service Company–East Los Angeles Water Supply Wells, Various Locations within the Cities of Commerce and East Los Angeles	10/5/11		
2	City of Downey, Well No. 4, 8040 Allengrove Street, Downey			10/26/11
3	City of Cerritos, Well No. C-1. 12701 Artesia Boulevard, Cerritos			10/11/11
4	City of Malibu, Malibuu Road Groundwater Well Project, 23762 Malibu Road, Malibu	12/12/11		
5	City of Malibu, Malibuu Road Groundwater Well Project, 3939 Cross Creek Road, Malibu	12/12/11		
C.	NPDES CAG674001 (Order No. R4-2009-0068) Hydrostatic Test Water			
1	Southern California Gas Company, Line 2001 Nogales Relocation Hydrostatic Test Project, Nogales Street and Railroad Street, City of Industry	10/19/11		
2	City of Lakewood, Water Resources Division, Arbor Yard Well No. 27, 5812 Arbor Road, Lakewood			12/21/11
3	City of Los Angeles, Department of Water and Power, Silver Lake Reservoir Complex Replacement Hydrostatic Test Project, 6001 West Forest Lawn Drive, Los Angeles	12/1/11		
D.	NPDES CAG994003 (Order No. R4-2009-0047) Nonprocess wastewater			
1	Metropolitan Water District of Southern California, Rio Hondo Power Plant, 9840 Miller Way, South Gate			11/8/11
2	Cyclops Mills, LLC–Former Millbrook Bakery, 6841 San Fernando Road, Glendale			11/2/11

Groundwater Permitting and Land Disposal Program

Meeting with the City of Malibu Regarding the Feasibility of Injecting Treated Wastewater to the Subsurface

Eric Wu

On December 6, 2011 Regional Board staff (Eric Wu) met with the City of Malibu to discuss the progress of selecting injection wells as a part of its effort to explore the feasibility of underground injection of wastewater generated from facilities to be built per the Malibu Septic Prohibition Memorandum of Understanding (MOU). Three injection wells, separately located at the east and west ends of Legacy Park and on Malibu Road, have been drilled to investigate the hydrogeology of the Malibu Civic Center area.

After these injection wells are pump tested, the City will construct a full sized well that will be used to test the aquifer at flow rates equal to the build out flow rate of the centralized wastewater injection project. In conjunction with this full sized well, six to seven deep monitoring wells will be installed to gather hydraulic data during the aquifer testing. If the result indicates the aquifer has adequate capacity to receive the injected wastewater, the full sized well will be used as a long term injection well.

The full sized well and deep monitoring wells are expected to be installed in March. The City of Malibu plans to use two full sized injection wells alternately for wastewater injection; hence a second full sized well will be constructed if the concept of injection is found to be feasible.

Ribbon-Cutting Ceremony for the El Rio Sewer Project

David Koo

On December 15, 2011, Regional Board staff attended a ribbon-cutting ceremony for the El Rio Sewer Project at the Roger Jones Community Center in Oxnard, California, as a result of a Septic Prohibition. The event was organized by Ventura County Supervisor John Zaragoza. Other attendees included dignitaries and representatives from the Ventura County Public Works Agency.

The El Rio Sewer Project has facilitated the abandonment of more than 1,400 septic systems and improved the quality of life for more than 5,000 residents in the El Rio community in Ventura County. The \$35 million funding of the project includes:

- \$12 million in State grants through the State Water Resources Control Board and the Los Angeles Regional Water Quality Control Board
- \$8 million in American Recovery and Reinvestment Act (ARRA) grant funds
- \$6 million in Federal and local grants/contributions
- \$9 million in loans from State Water Resources Control Board at 1.0% interest

The entire project consisted of 11 phases. Construction of Phase 1 began in March 2005 and the last phases (Phase 5C and 5D) were completed in February 2011. Regional Board staff David Koo was the grant manager for the \$12 million State grants provided for the project.

Summary of General Waste Discharge Requirements Enrolled and Terminated

Rebecca Chou and Clarita Quidilla

From November 11, 2011 to January 05, 2012 - two dischargers enrolled under the general Waste Discharger Requirements (WDR), one WDR was revised and one WDR was terminated. The table on the following page contains a breakdown for each category of general WDR.

		Project Manager	Date of Coverage	Date of Revision	Termination
A.	General WDR Discharge for Groundwater remediation at petroleum Hydrocarbon fuel and/or volatile organic compound impacted sites (Order No. R4-2007-0019)				
1.	County Fire Station #127, Carson CI 9484	A.Chang			11/16/11
2.	Former Home Depot, Thousand Oaks CI 9193	G. Kwey	12/12/11		
3.	Shell-Branded Service Station, Ventura CI 9751	G. Kwey	12/12/11		
B.	General WDR for small commercial multi-family residential subsurface sewage disposal systems (Order No. 01-031)				
1.	State Ready Mix Recycling, Inc . L. A.	M. Merino		12/12/11	

Summary of Inspection Reports

Rebecca Chou and Clarita Quidilla

From November 11, 2011 to January 05, 2012, staff conducted eight pre-permitting and annual inspections.

	Date Issued	Permittee	Project Manager
1.	10/19/11	Hartley Botanica, CI 9718	Elizabeth Erickson
2.	10/19/11	Somis Market and Cafe, File No. 10-101	Elizabeth Erickson
3.	10/20/11	State Ready Mix Recycling, Inc., CI 9159	Mercedes Merino
4.	11/02/11	Foothill Soils, Inc., CI 8642	Douglas Cross
5.	11/03/11	BKK Class III Landfill, CI 7737	Wen Yang
6.	11/03/11	Leachate Treatment Plant, CI 6770	Wen Yang
7.	11/03/11	Sunrise Ranch, CI 9763	Mercedes Merino
8.	11/17/11	Cemex Construction Materials, CI 6660	Enrique Casas

Summary of Notice of Violations

Rebecca Chou and Clarita Quidilla

From November 11, 2011 to January 5, 2012, the Executive Officer issued two Notices of Violation for WDRs violations.

	Date Issued	Permittee	Project Manager
1.	11/23/11	Blanchard Landfill, CI 9581	Enrique Casas
2.	11/23/11	Santa Catalina Island Two Harbors, CI 4840	Elizabeth Erickson

Summary of California Water Code (CWC) Section 13260 Orders

Rebecca Chou and Clarita Quidilla

From November 11, 2011 to January 5, 2012, the Executive Officer issued one CWC Section 13260 Orders requiring dischargers to submit a WDR application.

	Date Issued	Permittee	Project Manager
1.	12/30/11	Malibu Beachfront Properties LLC, File No. 09-117	David Koo

Section 401 Water Quality Certification Program

Valerie Carrillo and Dana Cole

Since November, the Regional Board has received 10 new applications for Section 401 Water Quality Certification (WQC) actions. The following Certification actions have been issued since the preparation of the last Executive Officers Report:

Date of Issuance	Staff	Applicant	Project	Action
10/27/11	D. Cole	Energia Logistics	Sea Launch Facility Pier 16, Port of Long Beach	Conditional Certification
11/4/11	V. Carrillo	Los Angeles County Flood Control District	Systemwide Monitoring Pilot and Malibu Creek Tributary (22 Projects)	Pre-Certification (General Order)
11/8/11	V. Carrillo	Southern California Edison	Station Fire Rebuilding-North Fork Saddle Ranger Station	Conditional Certification
11/22/11	V. Carrillo	Ventura County Watershed Protection District	Wason Barranca Channel Maintenance	Conditional Certification
11/22/11	V. Carrillo	Los Angeles County Department of Public Works	Topanga Creek Slope Repair	Conditional Certification
11/29/11	V. Carrillo	Puente Hills Habitat Preservation Authority	Powder Canyon Drainage Maintenance	Conditional Certification

Certification actions recently issued and project descriptions for applications currently being reviewed can be viewed from our Web Site located at <http://www.swrcb.ca.gov/rwqcb4/html/meetings/401wqc.html>. For additional information regarding our Section 401 Program, please contact Valerie Carrillo at (213) 576-6759. Any petitions for the appeal of a Section 401 WQC action must be filed within 30 days of the date of its issuance. We encourage public input during the certification process.

Compliance and Enforcement Program

Enforcement Unit

NPDES Facility Inspections

The Enforcement Unit NPDES inspector conducted inspections at 16 Minor facilities with NPDES Permits from December 8, 2011 to February 2, 2012. Inspection of these facilities is a required part of the NPDES program.

Administrative Civil Liability

Complaint No. R4-2011-0188 for Administrative Civil Liability was issued to City of Westlake Village on December 30, 2011, in the amount of \$81,500 for alleged violations of State Board Order No. 99-08-DWQ, NPDES Permit No. CASW000002 for Westlake Village Community Park. The Permittee has until January 17, 2011 to respond.

Complaint No. R4-2011-0027-M for Mandatory Minimum Penalty was issued to GID Investment Advisers, LLC on December 16, 2011, in the amount of \$267,000 for alleged effluent violations and late reporting violations of Regional Board Order Nos. R4-2004-0058 and R4-2009-0047, NPDES Permit No. CAG994003 for the Sea Castle Apartments. The Permittee has until January 17, 2011 to respond.

Expedited Payment Program

Settlement Offer No. R4-2011-0157-M was issued to Las Virgenes Municipal Water District on November 15, 2011 in the amount of \$51,000 for alleged violations of Regional Board Order No. 2010-0165, NPDES Permit No. CA0056014 for the Tapia Water Reclamation Facility. On December 7, 2010, the Regional Board received the Permittee's response.

Settlement Offer No. R4-2011-0175-M was issued to the Temple Beth AM on December 21, 2011 in the amount of \$18,000 for an alleged effluent violation of Regional Board Order No. R4-2008-0032, NPDES Permit No. CAG994004. The Permittee has until January 23, 2012 to respond.

Settlement Offer No. R4-2011-0185-M was issued to the City of Santa Monica on December 8, 2011 in the amount of \$54,000 for alleged effluent and reporting violations of Regional Board Order Nos. R4-2003-0111 and R4-2008-0032, NPDES Permit No. CAG994004 for the Hydraulgers Installation Project. The Permittee has until January 9, 2011 to respond.

Stipulated Order On Settlement Offer No. R4-2011-0106-M was issued to Hermetic Seal Corporation (Permittee) on December 2, 2011, in the amount of \$6,000 alleged effluent violations of Regional Board Order Nos. R4-2004-0058 and R4-2009-0047, NPDES No. CAG994003 for the facility at 4232 Temple City Boulevard. On December 9, 2011, the Regional Board received payment in full.

Stipulated Order On Settlement Offer No. R4-2011-0137-M was issued to Magic Mountain, LLC (Permittee) on December 9, 2011, in the amount of \$24,000 alleged effluent violations of Regional Board Order Nos. R4-2008-0209 and R4-2011-0029, NPDES No. CA00003352 for Six Flags Magic Mountain. On November 2, 2011, the Regional Board received payment in full.

Stipulated Order On Settlement Offer No. R4-2011-0141-M was issued to Ventura County General Services Agency (Permittee) on December 9, 2011, in the amount of \$3,000 an alleged effluent violation of Regional Board Order No. R4-2003-0111, NPDES No. CAG994004 for Ojai Maintenance Yard. On November 8, 2011, the Regional Board received payment in full.

Stipulated Order on Settlement Offer NO. R4-2011-0156-M was issued to Port of Los Angeles on January 6, 2012 in the amount of \$93,000 for alleged violations of Regional Board Order Nos. R4-2006-0086, NPDES No. CA0064157 for New Dock Street Pump Station. The payment was received on December 15, 2011.

Stipulated Order on Settlement Offer NO. R4-2011-0159-M was issued to City of Torrance on January 6, 2012 in the amount of \$21,000 for alleged violations of Regional Board Order Nos. R4-2003-0108, NPDES No. CAG994005 for Well Nos. 6 and 9. The Permittee has until January 16, 2012 to submit the payment.

Supplemental Environmental Project – Stipulation and Order:

Stipulation and Order on Settlement Offer Nos. R4-2008-0109-M, SWB-2008-4-0053, R4-2008-0122-M, and R4-2008-0070-M was issued to County Sanitation District No. 2 of Los Angeles County (Permittee) on January 5, 2012, in the amount of \$312,000 of which \$1867,000 shall be contributed to fund the Southern California Coastal Water Research Project’s Supplemental Environmental Project (SEP) entitled *Assessment of Endocrine Disruption in Southern California Coastal Fish: Phases I and II*. The Permittee has until February 6, 2012 to pay \$138,000, including the remaining \$126,000 liability and an additional \$12,000 in Regional Board oversight costs.

Stormwater Compliance & Enforcement

Stormwater Compliance and Enforcement - November 12, 2011 to January 4, 2012

Ejigu Solomon and Harumi Goya

4 Notices of Violation were issued:

WDID	Issuance Date	Facility Name	Type
4 19I022550	11/17/2011	Golden Gate Steel Inc.	Industrial
4 19I002970	12/9/2011	So Cal Auto Wreck	Industrial
4 19I006764	12/20/2011	Unified Western Grocers	Industrial
Non Filer	12/22/2011	Liberty Metals	Industrial

Summary of Database Management

Harumi Goya

- Violation records for overdue construction Annual Reports and risk analysis
- A list of the construction permittees, who failed to submit 2010-2011 Annual Reports and to complete their risk evaluation, was generated for the mass mail-out of the Notice of Violation. 237 Notices of Violation were mailed out on 12/7/2011.
- GIS map generated in response to request received by the TMDL Section
- A list of active stormwater sites within the Ventura River watershed was generated by utilizing Geographic Information System (GIS) map technique. All active stormwater sites were geocoded and were plotted on the base map layers

Remediation Program

Site Clean Up I

China Shipping Expansion Project (Former Chevron Marine Terminal)

Adnan Siddiqui

The Port of Los Angeles (Port) will begin construction of the China Shipping Expansion Project in April 2012. The China Shipping Terminal expansion into the adjacent Catalina Cruise terminal (Berth 96) is challenging due to the presence of petroleum hydrocarbons in soil and groundwater. In addition, the overall expansion project is important in creating jobs, generating tax revenue, and stimulating the economic growth of the Port. In December 2011, Regional Board approved an interim remedial action plan consisting of soil excavation of the petroleum hydrocarbons at the site. The remedial excavation is scheduled to begin in late January 2012.

No Further Action Required for Westin Bonaventure Hotel, Los Angeles, CA

David Young

Westin Bonaventure Hotel is located in downtown Los Angeles, California. Groundwater and soil at the subject site have been impacted by releases of dry cleaning solvent, tetrachloroethene (PCE), which was used at the site before 2008. This contamination was associated with operations at an on-site laundry service, including a dry cleaning system, located in a basement room of the Westin Bonaventure Hotel. Several investigations were conducted at the site to assess impact to soil and groundwater, as well as an indoor air evaluation to ensure worker safety. The results of these investigations indicated that residual levels of PCE in soil, soil vapor, and groundwater would not pose a significant threat to human health and groundwater resources at and in the site vicinity.

Based on the investigation data submitted to the Regional Board, the site is considered a low risk soil and groundwater contamination site. On November 15, 2011, the Regional Board issued a letter indicating “No Further Action” required for soil and groundwater in the dry cleaning room area of the site.

No Further Action Required for Dominguez Energy Reyes Lease Area C, Carson, CA

Gregg Crandall

The Dominguez Energy Reyes Lease Area C site is located at the southwest corner of Harmon Avenue and Victoria Street in Carson, and operated as part of an oil production facility from approximately 1923 to 1983. The original Reyes Lease was divided into Areas A through L which were further subdivided into numerous parcels. Area C covers 31.12 acres and was subdivided into parcels 36 through 44. There were 31 oil and gas production wells located on Area C, which were abandoned between 1987 and 2001. Petroleum hydrocarbons-impacted soil around these structures was investigated, excavated and remediated adequately. Impacted soil was excavated to depths ranging from approximately 10 to 45 feet below ground surface (bgs).

Approximately 142,000 cubic yards of soil were excavated from 37 areas on and adjacent to Area C from 1989 through 2000 for on-site treatment or disposal of off-site. Area C of the Reyes Lease was redeveloped for commercial use in 2004. The site is currently occupied by two large commercial buildings.

Based on the site investigation and remediation data submitted to the Regional Board, Area C is considered a low risk soil contamination site. On October 12, 2011, the Regional Board issued a letter indicating “No Further Action” required for soil only at Area C. Groundwater monitoring will continue across the entire Dominguez Energy Reyes Lease property until the Regional Board determines that no further action is required for groundwater.

Site Clean Up II

Dominguez Channel Release, Carson

Greg Bishop

LNAPL has been daylighting within the Dominguez Channel south of Carson Street in Carson, California, since January 2011. The LNAPL was initially discharging through the bottom of the channel above a Plains All American Pipeline, L.P. pipeline and two former Shell Oil Company pipelines. LNAPL has also been observed discharging from a subdrain system consisting of perforated horizontal pipes within each levee.

Discharges of petroleum from the bottom of the channel have ceased for unknown reasons. Ongoing extraction of LNAPL from the western levee subdrain and from an impacted groundwater monitoring well within the western levee have successfully stopped discharges from the levee subdrains to the surface of the Dominguez Channel.

During December 2011, the Regional Board staff took the following actions:

- Reviewed a report from BP Pipelines on the installation of four groundwater monitoring wells in the vicinity of the Dominguez Channel.
- Reviewed a report from Tesoro Refining and Marketing Corporation on the installation of two groundwater monitoring wells within the western levee of the Dominguez Channel.
- Reviewed a report from Resource Environmental, LLC (RELLC) on the installation of dozens of wells and other data collection points within both channel levees, within the floor of the Dominguez Channel itself, at the former Carson Air Harbor, at the active Unocal 76 property, and at the former Texaco service station near the Dominguez Channel. RELLC is performing work on behalf of Shell Oil Products US and Chevron Environmental Management Corporation.
- Worked with RELLC to develop a work scope to install additional sampling locations (wells and Hydro-punch) as step-out borings east and west of the Dominguez Channel.
- Sent Orders to 9 pipeline operators to provide data about their current and historical pipeline operations.
- Approved a work plan for additional assessment along both channel levees and west of the Dominguez Channel in Recreation Road.
- Approved a work plan to evaluate potential soil vapor impacts to the former Active RV property and to residential properties along the east side of the Dominguez Channel.

Field work to implement the approved work plans is expected to be completed during January 2012.

LAX Consolidated Tenant Group (CTG) Initiative

Curt Charmley

Remediation Section staff is overseeing multiple environmental investigation and cleanup cases on the Los Angeles International Airport property (LAX) and its vicinity. Notable cases include the Former Continental Airline, United Airline, and LAX Bulk Fuel Storage Facility, among others. These cases involve the investigation and cleanup of jet fuel products as well as chlorinated organic compounds in the subsurface soil and groundwater. The inherent difficulties in managing these types of cases frequently include co-mingled and often large-scale plumes, but also the presence of potential off-site volatile organic compound (VOC) plumes. This specific effort for the LAX CTG strategy is intended to streamline an anticipated redevelopment project that may reveal additional contaminated sites yet to be investigated. The execution of any proposed action at one of the busiest airports involves tremendous effort and challenges in the planning, coordination, and approval processes for the participating agencies and parties.

To address these challenges and improve the oversight activities at the LAX, the Executive OfficeR and

staff from the Remediation Section, on December 20, 2011 met with representativeS and consultants for United AirlineS, one of the major responsible parties at LAX, to discuss a consolidated tenant group (CTG) initiative that was adopted and is well received at the San Francisco Regional Water Quality Control Board. Regional Board management and staff provided constructive ideas and feedback during the meeting and will continue to explore the CTG concept with other relevant agencies and parties so that all the parties will hopefully work together in a more cohesive, cooperative, and efficient manner to address the environmental problems at the LAX area.

Site Clean Up III

Former Kast Tank Farm Property, Carousel Residential Neighborhood Tract, Carson

Dr. Teklewold Ayalew

The Regional Board has received and reviewed the letter titled, Response to Regional Board's Review of Supplemental Site Delineation Report and Extension Request and issued a response letter. The Regional Board's response included changes to the monthly air quality monitoring required in previous directive to a quarterly monitoring on account of the undue inconvenience to the community due to the frequency of sampling. In addition, the Regional Board issued a satisfaction of work determination letter that acknowledges the completion of alternate soil and soil vapor sampling in lieu of sampling locations along the East Lomita Boulevard. The review of the report titled, Human Health Screening Risk Evaluation Results for Total Petroleum Hydrocarbons dated, December 15, 2011, is currently in progress.

Following the compliance with the California Environmental Quality Act (CEQA), the Regional Board approved the Pilot Test Work Plan on November 23, 2011. Subsequently, collection of soil samples for bench scale testing, a component of the approved pilot testing, was performed from a property at 24628 Marbella Avenue. Implementation of the rest of the activities of the approved Pilot Test Work Plan is dependent on access to properties identified as suitable candidates. Caldwell Leslie & Proctor, PC, attorneys on behalf of Shell Oil Company, wrote a letter addressed to Girardi & Keese and copied to Regional Board, requesting access and scheduling of homes selected for the various pilot testing. In response, Girardi & Keese Lawyers have submitted a letter dated December 1, 2011 that requests a technical meeting with Shell's representatives and the Regional Board. The meeting has yet to take place.

In December 2011, the Regional Board and OEHHA staff completed the review of sixteen (16) Interim / Follow-Up Residential Sampling Reports and issued a response letter that states the follow-up actions. The completed residential sampling activity as of January 4, 2012 is as follows:

- 262 homes have been screened for methane (92%);
- 262 homes have had soils sampled and vapor probes installed (92%);
- 252 homes have had sub-slab soil vapor probes sampled (88%); and
- 42 homes have had indoor air sampled (15%).

Former Athens Tank Farm/Ujima and Earvin Magic Earvin Johnson Regional Park, Los Angeles

Dr. Teklewold Ayalew

Per request of the Department of Social Services Staff, the Regional Board staff has shared the findings related to the status of the environmental investigation at the Daycare. Based on the County of Los Angeles proposed Ujima Village Demolition project, the Regional Board recommended relocation of the Daycare prior to the implementation of the proposed project. The Regional Board has since received and completed the review of a Phase I Environmental Site Assessment Report (December 12, 2011) for the potential relocation site of Honey's Little Angels Day Care.

The Regional Board and the Department of Toxic Substances Control (DTSC) staff have received and completed the review of the document titled, Human Health Screening Evaluation of Potential Vapor Intrusion for Residential Properties Located along the East Edge of the Former Athens Tank Farm. The results of the off-site multi-depth soil vapor survey indicate the presence of elevated volatile organic compounds (VOCs) primarily benzene at highest concentrations of 820 micrograms per cubic meter (μ^*g/m^3) in the 5-foot below ground surface (bgs) samples, that exceeded the shallow soil vapor California Human Health Screening Levels (CHHSL) of 36 μ^*g/m^3 . There is no CHHSL for hexane but the Office of Environmental Health Hazard Assessment (OEHHHA) methodology was used to calculate a screening criteria and the detected at concentrations are that below the calculated screening levels.

A site-specific vapor intrusion evaluation was performed using the Johnson & Ettinger (J&E) model on the chemicals detected in the 5-foot bgs soil vapor samples. Based on the site-specific evaluation of the soil vapor data from locations on the eastern boundary of the former Athens Tank Farm and in the residential area adjacent to the eastern boundary, the report states that the Human Health Screening Evaluation (HHSE) does not indicate a vapor intrusion concern at this time. However, the Regional Board and DTSC staff ordered Exxon Mobil to conduct additional vapor intrusion evaluation for individual residential properties that are in close proximity to the vapor probe locations with confirmed exceedance of VOCs screening levels due to potential preferential pathways to indoor air.

The Regional Board and DTSC staff have also received and completed the review of an Off-Site Assessment Report (October 28, 2011), Soil Vapor Extraction Pilot Test Report (December 2, 2011) and Human Health Screening Evaluation of Potential Vapor Intrusion (December 2, 2011). Based on the findings to date, the following activities are currently underway: 1) a monthly methane and VOCs monitoring program using selected probes and utility vaults, 2) On- and off-site plume delineation, 3) Soil vapor extraction pilot testing, 4) Evaluation of the potential for vapor intrusion into the surrounding homes, and 5) Initiation of Remediation in the most contaminated areas of the site.

Former Chem-Nickel Company, Inc., South Gate

Angelica Castaneda

The site is conducting soil, soil vapor and groundwater assessment under a California Water Code section 13267 Investigative Order. Chemicals of concern include chlorinated volatile organic compounds and heavy metals. The assessment consists of a site-wide soil vapor sampling. The groundwater investigation will cover the shallow water bearing zone to a depth of 50 feet below ground surface (bgs) and the intermediate water bearing zone to a depth of 100 feet bgs. The due date for the submittal of the report for this phase of assessment is February 15, 2012.

The International Longshore and Warehouse Union Local 13 Dispatch Hall Project, Wilmington

Paul Cho

Regional Board staff received, Phase I Environmental Site Assessment Report and Phase II Site Characterization Report (Reports) for a site redevelopment and construction of a building, the International Longshore Warehouse and Union (ILWU) Dispatch Hall, on the currently undeveloped property located at 1500 E. Anaheim Street in Wilmington. Regional Board staff completed a review of these reports and sent comments to Port of Los Angeles on October 12, 2011. Regional Board staff also previously reviewed the April 15, 2011, ILWU Local 13 Dispatch Hall Project, Draft Initial Study/Mitigated Negative Declaration and issued a comment letter on May 17, 2011.

Pacific Maritime Association (PMA) is in charge of the planned construction of the dispatch hall. Based on Regional Board staff review of the Reports, the site is contaminated with petroleum hydrocarbons due to the historic oil field operation. In order to provide an active and prompt regulatory oversight relating to the

planned site redevelopment, Regional Board staff issued letters to PMA and Port of Los Angeles in October 2011 clarifying steps needed for the planned redevelopment. In order to further expedite the planned redevelopment, Regional Board staff also met with representatives of the Port of Los Angeles on December 8, 2011 to provide and clarify the regulatory requirements related to site assessment and remediation. Regional Board staff issued a letter to the Port of Los Angeles on December 21, 2011, requesting technical reports for site assessment and cost reimbursement agreement by January 20, 2012.

Paulee Body Shop Facility, Los Angeles

Dr. Noori Alavi

Based on the results of a site investigation on February 18, 2010, the Regional Board issued an investigative order to initiate preparation of a Remedial Action Plan (RAP) to address the impacts to soil, soil vapor, and groundwater at the site.

In March 2010, the RAP proposed the following remedial technologies for VOCs impacted soil, soil vapor and groundwater beneath the Site:

- In-situ soil vapor extraction (SVE) remedial system was proposed for remediation of soils/soil vapor at the Site.
- Enhanced in-situ Bioremediation (EISB) in a Permeable Reactive Zone (PRZ) arrangement for impacted groundwater in down-gradient monitoring wells (e.g. MW-3) which has the highest concentrations of VOCs in groundwater.

On September 29, 2011 the Regional Board approved the SVE remedial system to remediate the hot spot VOCs soil vapor plume at the Site.

For impacted groundwater, a slow-release donor emulsified vegetable oil (EVO) will be used to enhance anaerobic condition of the groundwater and accelerate bioremediation process. In April 2011, a “Work Plan for Groundwater Enhanced In-Situ Bioremediation Pilot Test” (Work Plan) was prepared and submitted for the Site.

The overall objectives of the Work Plan are to determine the following:

- Applicability of the EISB treatment technology to degrade chlorinated solvents such as PCE to innocuous end products including ethene and ethane in groundwater and
- To remove and/or reduce as much contaminant mass as possible from the area of highest VOCs concentrations in the groundwater.

The Regional Board approved the EISB Pilot Test Work Plan in December 2011.

Site Clean Up IV

Former Naval Command, Control, and Ocean Surveillance Center, Morris Dam, Azusa

Henry Jones

Under the operations of the United States Department of the Navy, the former Naval Command Control and Ocean Surveillance Center (NCCOSC) Research, Development, Testing and Evaluation Division (RDT&E) tested and evaluated naval torpedo propulsion systems and torpedo water-surface impacts at the Morris Dam site from 1943 to 1993. Currently, the Department of the Navy is in the process of transferring the land back to the Metropolitan Water District and the U.S. Forest Service. The Metropolitan Water District intends to transfer its land to the Los Angeles County Department of Public Works to support the

operation of Morris and the San Gabriel Reservoirs. The constituents of primary concern include perchlorate and metals. The Navy is currently excavating impacted soils at the site, and will submit a removal action report to the Regional Board by June 1, 2012. Once the site has been graded, additional groundwater monitoring wells will be installed to assess the efficacy of the cleanup efforts.

Former Long Beach Naval Complex, Long Beach

Robert Ehe

On November 15, 2011, Regional Board staff issued a letter in response to the Navy's Finding of Suitability to Transfer (FOST) for Site 6B at the former Long Beach Naval Complex. Site 6B is an approximately 23-acre property located north of Seaside Avenue and south of Ocean Boulevard. The Navy acquired the site in 1942 and used portions of Site 6B as an underground fuel tank farm between 1942 and 1950, a Marine Corps Reserve Center between 1944 and 1979, and a scrap yard between 1962 and 1979. The Port of Los Angeles has leased the site since 1979 and has historically used the site for temporary storage of shipping containers, currently they are using the site as an on-dock rail facility. The FOST process determines sites which are environmentally suitable for transfer by deed under Section 120(h) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The Regional Board staff review of the FOST documents concluded the current and past use of the site has been for industrial use, therefore the Port of Los Angeles needs to make a determination for an unrestricted use or excavation activities at the time of any proposed change of use at Site 6B.

Underground Storage Tank Program

Completion of Corrective Action at Leaking Underground Fuel Storage Tank Sites

Yue Rong

Regional Board staff have reviewed corrective actions taken for soil and/or groundwater contamination problems from leaking underground storage tanks for the time of **November 9, 2011** through **December 27, 2011**, and determined that no further corrective actions are required for the following sites:

- Shell Service Station, Norwalk (I-06367C)
- Former Bel Air Car Wash, West Hollywood (R-21111)
- Former Shell Station, Los Angeles (900450725)
- Shell Service Station, Diamond Bar (R-09503A)
- Former Mobil Station 18EDP, Torrance (905040225)
- Thrifty Station #281, Los Angeles (900060125)
- ARCO Service Station #0133, Whittier (I-03089)
- Marine and Industrial Repair Facility, Long Beach (908130552)
- Winall Oil Station #16, Canoga Park (913040625)
- Chevron Station #9-1175, Diamond Bar (I-05089A)
- Former Shell Station, Los Angeles (900640298)
- Horowitz Property, Los Angeles (900360307)
- Former Shell Station, Los Angeles (900660052)

For the case closure sites above, a total of **55,930** tons of impacted soils were excavated and **66,508** pounds of hydrocarbons were removed by soil vapor extraction system. In addition, **one** gallon of LNAPL was moved and **1,886,807** gallons of groundwater were treated.

Executive Officer issued General Waste Discharge Requirements (WDRs)

Yue Rong

The Executive Officer, on behalf of the board, issued 3 General Waste Discharge Requirements (WDRs) to Sanesco Oil Company, located in Long Beach (11/17/2011), Shell Service Station, located in Ventura (12/7/2011), and Home Depot, located in Ventura (12/7/2011). The WDRs issued for injection of oxidation compounds to the impacted aquifer for in-situ groundwater cleanup, which is designed to save water resources by avoiding discharging the treated water to the ocean.

Administrative Services

Personnel Report

As of February 2, 2012 our staff total is 134: 118 technical staff, 11 permanent analytical staff and 5 permanent clerical staff.

The following promotion was made:

Paula Rasmussen, from Environmental Program Manager I to Assistant Executive Officer, Groundwater Division, effective December 20, 2011.

The following appointments were made:

Clarita Quidilla, Staff Services Analyst, Water Quality Data Program, effective December 5, 2011.

Nicholas Martorano, Environmental Scientist, Regional Programs Section, effective December 17, 2011.

Shana Rapoport, Environmental Scientist, Regional Programs Section, effective December 27, 2011.

Valerie Aguirre, Staff Services Analyst, Compliance & Enforcement Section, effective January 3, 2012.

Luz Vargas, Environmental Scientist, Compliance & Enforcement Section, effective January 3, 2012.

Barbara Barry, Environmental Scientist, Regional Programs Section, effective January 11, 2012.

Asheeka Prasad, Staff Services Analyst, Water Quality Data Program, effective January 17, 2012.

The following separated from Region 4:

Ann Zaskodna, Water Resource Control Engineer, retired from State service effective December 18, 2011.

Yanjie Chu, Environmental Scientist, transferred to Air Resources Board, effective December 21, 2011.